

U.S. Serial No. 10/658,842

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AMENDMENTS TO THE CLAIMS**RECEIVED
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This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Cancelled).
2. (Currently Amended) The fabric of claim + 65, wherein at least some of the inherently flame resistant fibers comprise meta-aramid fibers.
3. (Currently Amended) The fabric of claim + 65, wherein at least some of the cellulosic fibers comprise rayon fibers.
4. (Currently Amended) The fabric of claim + 65, wherein the fabric ~~contains a~~ residual amount of dye-assistant comprises at least one of selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, or N,N-dibutylformamide, ~~and mixtures thereof.~~
5. (Currently Amended) The fabric of claim + 65, wherein at least some of the cellulosic fibers ~~contains~~ comprise a phosphorus compound flame retardant in a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component.

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6. (Currently Amended) The fabric of claim + 65, wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 191 A Method 5903.1 using a three second exposure.

7. (Currently Amended) The fabric of claim + 65, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

8. (Currently Amended) The fabric of claim + 65, wherein at least some of the inherently flame resistant fibers of the fabric have been dyed a shade of color which results in an L value between approximately 18 and the griage L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

9. (Cancelled)

10. (Currently Amended) The fabric of claim 9 66, wherein the residual amount of dye-assistant comprises at least one of ~~is selected from the group consisting of~~ N-cyclohexylpyrrolidone, benzyl alcohol, ~~or~~ N,N-dibutylformamide, ~~and mixtures thereof.~~

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11. (Currently Amended) The fabric of claim 9 66, wherein the inherently flame resistant fibers comprise at least one ~~a material selected from the group consisting of aromatic polyamide, polyamide imide, or polyimide, and combinations thereof.~~

12. (Currently Amended) The fabric of claim 9 66, wherein at least some of the inherently flame resistant fibers comprise meta-aramid fibers.

13. (Currently Amended) The fabric of claim 9 66, wherein at least some of the cellulosic fibers comprise at least one of rayon, acetate, triacetate, or lyocell, ~~or mixtures thereof.~~

14. (Currently Amended) The fabric of claim 9 66, wherein at least some of the cellulosic fibers comprise rayon fibers.

15. (Currently Amended) The fabric of claim 9 66, wherein at least some of the cellulosic fibers ~~contains~~ comprise a phosphorus compound flame retardant in a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component.

16. (Currently Amended) The fabric of claim 9 66, wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 191 Method 5903.1 using a three second exposure.

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17. (Currently Amended) The fabric of claim 9 66, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

18. (Currently Amended) The fabric of claim 9 66, wherein at least some of the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result in an L value between approximately 18 and the griage L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

19. (Cancelled)

20. (Currently Amended) The fabric of claim ~~19~~ 67, wherein at least some of the inherently flame resistant fibers comprise at least one ~~a material selected from the group consisting of aromatic polyamide, polyamide imide, or polyimide, and combinations thereof.~~

21. (Currently Amended) The fabric of claim ~~19~~ 67, wherein at least some of the inherently flame resistant fibers comprise meta-aramid fibers.

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22. (Currently Amended) The fabric of claim ~~19~~ 67, wherein at least some of the cellulosic fibers comprise at least one of rayon, acetate, triacetate, or lyocell, ~~or combinations thereof.~~

23. (Currently Amended) The fabric of claim ~~19~~ 67, wherein at least some of the cellulosic fibers comprise rayon fibers.

24. (Currently Amended) The fabric of claim ~~19~~ 67, wherein the ~~fabric contains a~~ residual amount of dye-assistent comprises at least one selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, or N,N-dibutylformamide, ~~and mixtures thereof.~~

25. (Currently Amended) The fabric of claim ~~19~~ 67, wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 191A Method 5903.1 using a three second exposure.

26. (Currently Amended) The fabric of claim ~~19~~ 67, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

27. (Currently Amended) The fabric of claim ~~19~~ 67, wherein at least some of the inherently flame resistant fibers of the fabric have been dyed a shade of color which would

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result in an L value between approximately 18 and the griegge L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

28. (Cancelled)

29. (Currently Amended) The fabric of claim 28 68, wherein the inherently flame resistant fibers comprise at least one ~~a material selected from the group consisting of~~ aromatic polyamide, polyamide imide, or polyimide, ~~and combinations thereof.~~

30. (Currently Amended) The fabric of claim 28 68, wherein at least some of the inherently flame resistant fibers comprise meta-aramid fibers.

31. (Currently Amended) The fabric of claim 28 68, wherein at least some of the cellulosic fibers comprise at least one of rayon, acetate, triacetate, or lyocell, ~~or combinations thereof.~~

32. (Currently Amended) The fabric of claim 28 68, wherein at least some of the cellulosic fibers comprise rayon fibers.

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33. (Currently Amended) The fabric of claim ~~28~~ 68, wherein the ~~fabric contains~~ a residual amount of dye-assistant comprises at least one selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, or N,N-dibutylformamide, ~~and mixtures thereof.~~

34. (Currently Amended) The fabric of claim ~~28~~ 68, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

35. (Currently Amended) The fabric of claim ~~28~~ 68, wherein at least some of the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result in an L value between approximately 18 and the griegie L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

36. (Cancelled)

37. (Currently Amended) The fabric of claim ~~36~~ 69, wherein at least some of the inherently flame resistant fibers comprise at least one of a material selected from the group consisting of aromatic polyamide, polyamide imide, or polyimide, ~~and combinations thereof.~~

38. (Currently Amended) The fabric of claim ~~36~~ 69, wherein at least some of the inherently flame resistant fibers comprise meta-aramid fibers.

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39. (Currently Amended) The fabric of claim ~~36~~ 69, wherein at least some of the cellulosic fibers comprise at least one of rayon, acetate, triacetate, or lyocell, ~~or combinations thereof.~~

40. (Currently Amended) The fabric of claim ~~36~~ 69, wherein at least some of the cellulosic fibers comprise rayon fibers.

41. (Currently Amended) The fabric of claim ~~36~~ 69, wherein the fabric contains a residual amount of dye-assistent comprises at least one selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, or N,N-dibutylformamide, ~~and mixtures thereof.~~

42. (Currently Amended) The fabric of claim ~~36~~ 69, wherein at least some of the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result in an L value between approximately 18 and the grieger L value for the fabric approximately if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

43. (Cancelled)

44. (Cancelled)

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45. (Currently Amended) The fabric of claim 43 70, wherein the residual amount of dye-assistant comprises at least one ~~is selected from the group consisting of~~ N-cyclohexylpyrrolidone, benzyl alcohol, or N,N-dibutylformamide, ~~and mixtures thereof.~~

46. (Currently Amended) The fabric of claim 43 70, wherein at least some of the inherently flame resistant fibers comprise at least one ~~a material selected from the group consisting of~~ aromatic polyamide, polyamide imide, or polyimide, ~~and combinations thereof.~~

47. (Currently Amended) The fabric of claim 43 70, wherein at least some of the inherently flame resistant fibers comprise meta-aramid fibers.

48. (Currently Amended) The fabric of claim 43 70, wherein at least some of the cellulosic fibers comprise at least one of rayon, acetate, triacetate, or lyocell, ~~or combinations thereof.~~

49. (Currently Amended) The fabric of claim 43 70, wherein at least some of the cellulosic fibers comprise rayon fibers.

50. (Currently Amended) The fabric of claim 43 70, wherein the fabric comprises ~~contains~~ a phosphorus compound flame retardant in a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component.

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51. (Currently Amended) The fabric of claim 43 70, wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 1431 Method 5903.1 using a three second exposure.

52. (Currently Amended) The fabric of claim 43 70, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

53. (Currently Amended) The fabric of claim 43 70, wherein at least some of the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result in an L value between approximately 18 and the griegie L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

54. (Cancelled)

55. (Cancelled)

56. (Cancelled)

57. (Cancelled)

58. (Cancelled)

59. (Cancelled)

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60. (Cancelled)

61. (Cancelled)

62. (Cancelled)

63. (Cancelled)

64. (Cancelled)

65. (New) A dyed flame resistant fabric comprising:

a. a blend of a plurality of fibers, wherein the plurality of fibers consists of:

i. inherently flame resistant fibers comprising at least one of aromatic polyamide, polyamide imide, or polyimide; and

ii. cellulosic fibers comprising at least one of rayon, acetate, triacetate, or lyocell, wherein at least some of the cellulosic fibers comprise a flame retardant compound; and

b. a residual amount of a dye-assitant comprising at least one of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, N,N-diethylbenzamide, hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, N,N-dimethylcaprylamide, or N,N-dimethylcapramide.

66. (New) A dyed flame resistant fabric comprising:

a. a blend of a plurality of fibers, wherein the plurality of fibers consists of:

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i. inherently flame resistant fibers; and

ii. cellulosic fibers, wherein at least some of the cellulosic fibers comprise a flame retardant compound; and

b. a residual amount of a dye-assistent comprising at least one of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, N,N-diethylbenzamide, hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, N,N-dimethylcaprylamide, or N,N-dimethylcapramide.

67. (New) A dyed flame resistant fabric comprising:

a. a blend of a plurality of fibers, wherein the plurality of fibers consists of:

i. inherently flame resistant fibers; and

ii. cellulosic fibers at least some of which comprising a phosphorous compound, wherein the phosphorus compound comprises a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component; and

b. a residual amount of a dye-assistent comprising at least one of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, N,N-diethylbenzamide, hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, N,N-dimethylcaprylamide, or N,N-dimethylcapramide.

68. (New) A dyed flame resistant fabric comprising:

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a. a blend of a plurality of fibers, wherein the plurality of fibers consists of:

- i. inherently flame resistant fibers; and
- ii. cellulosic fibers, wherein at least some of the cellulosic fibers comprise a flame retardant compound; and

b. a residual amount of a dye-assistant comprising at least one of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, N,N-diethylbenzamide, hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, N,N-dimethylcaprylamide, or N,N-dimethylcapramide,

wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 191A Method 5903.1 using a three second exposure.

69. (New) A dyed flame resistant fabric comprising:

a. a blend of a plurality of fibers, wherein the plurality of fibers consists of:

- i. inherently flame resistant fibers; and
- ii. cellulosic fibers, wherein at least some of the cellulosic fibers comprise a flame retardant compound; and

b. a residual amount of a dye-assistant comprising at least one of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, N,N-diethylbenzamide,

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hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, N,N-dimethylcaprylamide, or N,N-dimethylcapramide,

wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

70. (New) A dyed flame resistant fabric comprising:

a. a blend of a plurality of fibers, wherein the plurality of fibers consists of:

i. inherently flame resistant fibers, wherein at least some of the inherently flame resistant fibers are dyed; and

ii. cellulosic fibers, wherein at least some of the cellulosic fibers comprise a flame retardant compound; and

b. a residual amount of a dye-assitant comprising at least one of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, N,N-diethylbenzamide, hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, N,N-dimethylcaprylamide, or N,N-dimethylcapramide.